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(71) Applicants (for all designated States except US): PRESIDENT AND FELLOWS OF HARVARD COLLEGE [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US). ORGANIX, INC. [US/US]; 240 Salem Street, Woburn, MA 01801 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MADRAS, Bertha, K. [US/US]; 32 Montrose Road, Newton, MA 02158 (US). MELTZER, Peter, C. [US/US]; 8 Rumford Road, Lexington, MA 02173 (US). BUTLER, David [US/US]; 38 Everett Street #2, Medford, MA 02155 (US).

(74) Agents: BUTLER, Gregory, B. et al.; Ph. D., ESQ., Edwards & angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

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(54) Title: PYROVALERONE ANALOGS AND THERAPEUTIC USES THEREOF

(57) Abstract: New compounds that bind to monoamine transporters are described. The compounds of the present invention can be racemic or pure *R*-or *S*-enantiomers. Certain preferred compounds of the present invention have a high selectively dopamine transporter versus the serotonin transporter. Preferred monoamine transporters for the practice of the present invention include the dopamine transporter, the serotonin transporter and the norepinephrine transporter.

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